

**LEGAL NOTICE**  
and  
Preliminary Determination for an Air Quality Permit for

**Southwestern Public Service Co**

Southwestern Public Service Co, PO Box 1261, Amarillo, TX has submitted an air quality permit application to the Air Quality Bureau (AQB), New Mexico Environment Department (NMED) for an air quality permit to construct the Quay County Generating Plant. The application file has been assigned Permit No. 4561 and TEMPO Agency Interest ID No. 30775. The exact location of the facility will be at latitude 35 deg, 11 min, 4 sec and longitude -103 deg, 43 min, 52 sec. To aid in locating this facility, the approximate location is north of the Campbell Street Substation, Quay County, New Mexico.

The proposed construction will include installation and operation of a combustion turbine for generating approximately 23 MW of commercial electrical power, a startup engine, an emergency generator, and diesel storage tanks. All engines will use ultra low sulfur diesel as fuel. Except for monthly startup inspections, the facility will be on standby to provide emergency backup power for Tucumcari if the main transmission line loses power and to provide additional power during peak electric use (e.g. Summer).

Total air pollutant emissions to the atmosphere are estimated to be approximately: Nitrogen Oxides (NO<sub>x</sub>) at 243.5 tons per year (tpy); Carbon Monoxide (CO) at 20.0 tpy; Volatile Organic Compounds (VOC) at 8.4 tpy; Sulfur Dioxide (SO<sub>2</sub>) at 0.3 tpy; Total Suspended Particulate Matter (TSP) at 2.2 tpy, Particulate Matter 10 microns or less (PM<sub>10</sub>) at 2.1 tpy, and Particulate Matter 2.5 microns or less (PM<sub>2.5</sub>) at 2.1 tpy, and Total HAPs at 0.5 tpy. The facility is a minor, < 100,000 tpy CO<sub>2e</sub>, source of green house gas emissions. These emission estimates could change slightly during the course of the Department's review of the application.

The NMED has conducted a preliminary review of the information submitted with the permit application which indicates that the analysis of ambient air quality impacts shows that the facility's air emissions will meet the ambient air quality standards for NO<sub>x</sub>, CO, SO<sub>2</sub>, TSP, PM<sub>10</sub>, and PM<sub>2.5</sub>. A full review will evaluate the estimated emission rates and the air quality analysis to determine compliance with the associated ambient air standards and requirements.

Based on the applicant's analysis, a preliminary determination is that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 3, 61, 72, and 73; 40 CFR 50; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before January 3, 2012. This source is a minor source according to 20.2.74 NMAC, PSD.

To ensure compliance with state and federal air regulations, the permit is expected to include conditions that limit the emissions, hours of operation, and capacity, and conditions that will require record keeping and reporting to the NMED.

The permit application is available for review in electronic or hard copy at the Air Quality Bureau Office, 1301 Siler Road, Building B, Santa Fe, New Mexico. To arrange viewing of this application contact Teri Waldron, at 505-476-4355 or [teri.waldron@state.nm.us](mailto:teri.waldron@state.nm.us). For public review, the permit application is also available at the NMED Tucumcari Office, located at 113 W. Center, Tucumcari, NM 88401.

All interested persons have thirty (30) days from the date this notice is published, to notify the NMED in writing of their interest in the permit application. The written comments should refer to the company

## Attachment A – Public Notice

name, site name and Permit No. (or send a copy of this notice along with your comments). The written comments must state the nature of the issues raised and how it relates to the requirements of applicable state and federal air quality regulations and the Clean Air Act. The written comments should be mailed to Cember Hardison, New Mexico Environment Dept., Air Quality Bureau, Permit Section, 1301 Siler Road, Building B, Santa Fe, New Mexico 87507-3113.

The NMED will notify all persons, who have provided written comments, as to when and where the NMED's analysis may be reviewed. Although all written comments will be made part of the public record, any person who does not express interest in writing before the end of this first thirty (30) day period will not receive such notification.

If the NMED receives written public comment before the end of the NMED's thirty (30) day public notice, the NMED's analysis will be made available for review for thirty (30) days at the NMED field office nearest to the source before the permit will be issued. Written comments on the analysis or permit application may be submitted to the NMED during this second thirty (30) day period or at any time before the permit is issued or denied.

Questions or comments not intended to be part of the public record can be directed to Cember Hardison at 505-476-4346. General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site.

## Attachment A – Public Notice